

## **ABSTRACT**

A toothbrush tufted with needle-shaped bristles. The bristles are formed of polyester resin. The bristles are 0.1 to 0.2mm thick before tapering, 13 to 5 18mm long, tapered 4 to 8mm only on one end with a tapered tip thickness of 0.01 to 0.08mm, and planted to be 7 to 13mm high in the toothbrush.